| Inde | ex of Cla | aims |
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| Application No.    | Applicant(s)  |
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| 10/684,071         | BUDACH ET AL. |
| Examin r           | Art Unit      |
| Patrick J Connolly | 2877          |

|   | √ | Rejected |
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| i | = | Allowed  |

|   | (Through numeral)<br>Cancell d |
|---|--------------------------------|
| ÷ | Restricted                     |

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| Cla         | aim      | 1          |                |                 | Dat      | e              |          |          | <b></b> :-:- |  | aim      | _            |                     |          | г        | ) c+-    |         |           |                       | ן:.:. |               |            | _        |          |         |          |           |                 |                | _        |
|-------------|----------|------------|----------------|-----------------|----------|----------------|----------|----------|--------------|--|----------|--------------|---------------------|----------|----------|----------|---------|-----------|-----------------------|-------|---------------|------------|----------|----------|---------|----------|-----------|-----------------|----------------|----------|
| <u> </u>    |          | _          | . T            | Date Claim Date |          |                |          |          |              |  |          | _            | 1                   | 0        | aim      | Date     |         |           |                       |       |               |            | _        |          |         |          |           |                 |                |          |
| Final       | Original | 5.11. 2001 |                |                 |          |                |          |          |              | Final  | Original |              |                     |          |          |          |         |           |                       |       | Final         | Original   |          |          |         |          |           |                 |                |          |
|             | 1        | 1          |                | +               | +        | $\vdash$       |          | 十        | -            | -  | 51       | ╁╌           | $\vdash$            |          |          |          | +       | -         | +                     | 1     | <b> </b>      | 101        | $\vdash$ | $\vdash$ | +       | +        | - -       | ┿               | ╀              | ╀        |
|             | 2        | V          |                |                 |          |                |          |          |              |  | 52       | $\vdash$     | $\Box$              | _        |          | T        | 十       | -         | ╁                     | 1     |               | 102        | H        | $\vdash$ | ╁       | +        | ┰         | ╁╌              | ╁─             | ╁        |
|             | 3        |            |                |                 |          |                |          |          |              |  | 53       | Ī            | $\Box$              |          |          |          | $\top$  | - T       | $\top$                |       | _             | 103        |          | $\vdash$ | _       | +        | ╁         | +-              | ╁              | ╆        |
|             | 4        | 1          |                | L               | $\Box$   |                |          |          |              |  | 54       |              |                     |          |          |          | 1       |           | 1                     | 1     |               | 104        | _        | $\vdash$ | +       | $\dashv$ | +         | +-              | ${}^{\dagger}$ | ╁        |
|             | 5        | ✓          |                | ┸               |          |                |          |          |              |  | 55       |              |                     |          |          |          |         | 7         |                       |       |               | 105        |          |          | $\top$  |          | Ť         | $\dagger$       | $\vdash$       | ✝        |
|             | 6        | J          | <u> </u>       | $\perp$         | <u> </u> |                | Ш        | _        | _ :::        | L  | 56       |              |                     |          |          |          |         |           |                       |       |               | 106        |          |          | 十       | $\top$   | T         | $\dagger$       | ┢              | ✝        |
|             | 7        | <b>V</b>   | $\vdash$       | ╄-              | 1        |                |          | 4        | _            | <u> </u>   | 57       | ╙            |                     |          |          | $\Box$   |         |           |                       |       |               | 107        |          |          | $\Box$  |          |           | 1               |                | Т        |
|             | 8        | <u> </u>   | <u> </u>       | ╄               | +        | -              | $\sqcup$ | -        |              | ļ  | 58       | <u> </u>     |                     |          | $\Box$   | _        | 4       |           | <u> </u>              |       | L             | 108        |          |          |         | $\perp$  |           |                 |                | ,        |
| <del></del> | 9<br>10  | ·<br>•     | -              | +               | ┼        | ⊢              | $\vdash$ |          |              |  | 59       | <u> </u>     | Ш                   | _        | $\dashv$ | _        | 4       | 4         |                       |       |               | 109        |          |          |         | Д.       |           |                 |                |          |
| -           | 11       | -          |                | -               | -        | Н              | -        | +        | -            | <u> </u>   | 60       | -            | Н                   |          | _        |          | +       | _         | ₽.                    |       |               | 110        |          |          | $\perp$ |          | ┸         | 1_              | L              | L        |
|             | 12       | ソソ         |                | +               | +        | $\vdash$       |          | +        | -            |  | 61<br>62 | -            | $\vdash \downarrow$ | -        |          |          |         |           | ╀-                    |       | <u> </u>      | 111        | Ы        | 4        | $\bot$  | $\perp$  | 4         | ـ               | ⊢              | L        |
| ·           | 13       | 1/         | $\vdash\vdash$ | +               | +        | $\vdash$       | -        | +        | $\dashv$     | <del> </del>                                     | 63       | <del> </del> | $\vdash \vdash$     | -        | $\dashv$ |          | +       |           | +                     |       | <del></del>   | 112<br>113 | $\vdash$ | +        | +       | -        | +         | ┾-              | <u> </u>       | $\vdash$ |
|             | 14       |            |                | $^{+}$          | †        | H              | $\vdash$ | $\dashv$ | -            | <del>                                     </del> | 64       |              | $\vdash$            | -        | -        | -+       | +       | +         | $\vdash$              |       | $\vdash$      | 113        | -        | +        | +       | +        | +         | +               | -              | $\vdash$ |
|             | 15       | ン          | $\vdash$       | $\top$          | ✝        | П              | -        | $\dashv$ | -            |  | 65       | -            | H                   | -        | $\dashv$ |          | +       | +         | $\vdash$              |       |               | 115        |          | +        | +       | +        | +         | +               | <u> </u>       | $\vdash$ |
|             | 16       | し          |                | T               | 1        |                |          | $\top$   | 7            |  | 66       |              |                     | $\dashv$ | _        | _        | +       |           |                       |       |               | 116        |          | +        | +       | +        | ╁         | +               | -              | ⊦        |
|             | 17       | <b>ノ</b>   |                | Т               | ١.       |                |          | T        |              |  | 67       |              | П                   |          | $\dashv$ | $\dashv$ | $\top$  | _         |                       |       |               | 117        | -        | $\dashv$ | ┰       | ╁        | ╁         | $\vdash$        | <del> </del> — | H        |
|             | 18       | <b>V</b>   |                |                 | -        |                |          |          |              |  | 68       |              | П                   | $\Box$   | 寸        |          | 1       | +         | ŀ                     |       |               | 118        | -        | $\dashv$ |         | ╅        | +         | $\vdash$        | _              | H        |
| ]           | 19       |            |                |                 |          |                |          |          |              |  | 69       |              | П                   |          | $\neg$   |          | 1       |           |                       |       |               | 119        |          |          | +       | ١.       | †-        | Ė               | <u> </u>       | H        |
|             | 20       |            |                |                 |          |                |          |          |              |  | 70       |              | П                   | İ        |          |          |         |           | $\Box$                |       |               | 120        |          |          | ╈       | $\top$   | _         | <u> </u>        | <u> </u>       | H        |
|             | 21       |            |                |                 |          |                |          |          |              |  | 71       |              |                     |          |          |          |         |           |                       |       |               | 121        |          |          | 十       | 1        | $\top$    | 1               |                | ┢        |
|             | 22       |            |                | <u> </u>        |          |                |          | 4        | _            |  | 72       |              |                     |          |          |          |         |           |                       |       |               | 122        |          |          | Т       |          | T         |                 |                | Γ        |
|             | 23       |            |                | ļ.              | 1        | _              | _        | 4        | _            |  | 73       |              |                     |          |          |          |         | ·         |                       |       |               | 123        |          |          |         |          |           |                 |                | Γ        |
|             | 24       |            |                | ┼               |          |                | -        | 4        | 4            |  | 74       |              | $\sqcup$            |          | _        | _        | $\perp$ |           | Ш                     |       |               | 124        |          |          |         |          |           |                 |                | I        |
|             | 25<br>26 | $\dashv$   |                | -               |          | $\dashv$       |          | +        | -            |  | 75       |              | $\vdash$            |          | _        | 4        | _       |           | Ш                     |       |               | 125        | $\dashv$ |          | $\perp$ |          | ļ.,       | L               |                | L        |
|             | 27       | -          |                | $\vdash$        | -        | $\vdash$       | +        | +        | -            |  | 76       | _            | $\vdash$            | $\dashv$ | -        | 4        |         | _         | Щ                     |       |               | 126        | _        |          | 4       | Ш.       | $\perp$   | 1               |                | L        |
| $\dashv$    | 28       | $\dashv$   |                | $\vdash$        | $\vdash$ | $\dashv$       |          |          | -            |  | 77<br>78 |              |                     | $\dashv$ | -+       | -        | - -     | -         | $\vdash$              |       |               | 127        |          | _        | 4       | 4        | _         |                 | الله م         |          |
| -           | 29       |            | -              | $\vdash$        |          |                | $\dashv$ | +-       | -            |  | 79       | -            |                     | $\dashv$ | +        | +        | +       | +         |                       |       |               | 128        |          | +        |         | +        | -         |                 |                | Ĺ        |
|             |          | Z.         | _              | 1               | Н        | -              | +        | +        | -            |  | 80       | $\dashv$     | -                   | $\dashv$ | $\dashv$ | +        | +       |           | Н                     |       | $\rightarrow$ | 129<br>130 |          | +        | +       | +        | +-        | H               | $\dashv$       | _        |
| $\neg$      | 31       | /          | 1              | 1               |          |                | +        | +        |              |  | 81       |              | _                   | $\dashv$ | 十        | $\dashv$ | +       |           | $\vdash$              |       |               | 131        | +        | -        | ╅       | +        | ┿         | Н               | $\dashv$       | _        |
|             |          | 7          |                |                 |          |                | $\dashv$ | 十        | 7            |  | 82       | $\neg$       | _                   | $\dashv$ | 十        | $\dashv$ | +       | 1         | Н                     |       |               | 132        | +        | +        | - -     | ┿        | ╁╌        | Н               | $\dashv$       | _        |
|             | 33       | 1          |                | Ī               |          |                | T        |          |              |  | 83       |              | $\neg$              | 寸        | +        | $\top$   |         | 1         | Н                     |       |               | 133        | -        |          | ╁       | +        | +         | Н               | $\dashv$       | _        |
|             |          | 1          |                |                 |          |                |          |          |              |  | 84       |              |                     | T        | _        | $\top$   |         | $\top$    | П                     |       |               | 134        | $\dashv$ | _        | +       | +-       | +         |                 | $\dashv$       | _        |
|             |          | ✓          |                |                 |          |                |          |          |              |  | 85       |              | $\neg$              |          | $\neg$   |          |         |           |                       |       |               | 135        | 1        | $\neg$   | $\top$  | 1        | $\dagger$ | H               | 一              | _        |
|             |          |            |                | L               | Ш        |                |          | $\perp$  |              |  | 86       |              |                     |          |          |          |         |           |                       |       |               | 136        | T        |          |         |          | †         | П               | 一              |          |
|             |          | 4          |                | Ŀ               | Ш        |                | $\perp$  | _        | _            |  | 87       |              |                     |          |          |          | L       |           |                       |       |               | 137        | T        |          | 7       |          |           | П               | $\neg$         | _        |
|             |          | 1,         |                | <u> </u>        |          | $\perp$        | _        | $\perp$  | _            |  | 88       |              | $\perp$             | _        |          |          |         |           |                       |       | _             | 138        |          |          |         |          |           |                 |                |          |
| _           |          | Ӳ          |                |                 | $\dashv$ | _              | -        | _        | 4            |  | 89       |              |                     | _        | _        |          | $\perp$ |           | Ц                     |       |               | 139        |          | $\perp$  |         |          | -         |                 |                |          |
|             |          | <b>火</b>   |                | -               | $\vdash$ | -+             | -        | +        | -            |  | 90       | _            | 4                   | $\dashv$ | 4        | _        |         | $\bot$    |                       |       |               | 140        | _        |          | ┸       | $\perp$  |           |                 |                | _        |
|             | 41       | <b>/</b>   | +              | <u> </u>        | $\vdash$ | <del>-</del> i | +        | +        | -            |  | 91       | _            | -                   | +        | -        | 4        | ļ       | 4         |                       | ļ     |               | 141        | 4        |          | 4       | 1        | <u> </u>  |                 | _              |          |
| +           | 43       | 1          | -              |                 | $\dashv$ | $\dashv$       |          | +        | -            |  | 92<br>93 |              | +                   | +        | -        | -        | +       | +         | $\dashv$              |       | $\rightarrow$ | 142        | -        | +        | +-      | +        | ↓_        | $\sqcup$        | _              | _        |
|             |          | V          |                | H               |          | $\dashv$       | +-       | +        | -            |  | 94       | -            | +                   | +        | +        | +        | +       | +         | $\parallel \parallel$ | -     |               | 143        | $\dashv$ | +        | +-      | +        | ┼         | Н               | -              | _        |
| -           | 45       | Z          | +-             |                 | -        | -+             | +        | +        |              | $\dashv$   | 95       | -+           | -+                  | +        | +        | +        | +       | +         |                       | - }   |               | 144<br>145 | +        | $\dashv$ | ╁       | ╁        | ┼         | $\vdash \vdash$ | $\dashv$       |          |
| 一十          | 46       | *          |                | Н               | $\vdash$ | $\dashv$       | $\dashv$ | +        |              | -  | 96       | $\dashv$     | +                   | +        | +        | +        | ╁       | +         |                       | ŀ     |               | 146        | +        | $\dashv$ | +       | +-       | ╁         | $\vdash$        | -              |          |
|             | 47       | $\dashv$   | $\top$         | _               |          | $\dashv$       | +        | +        |              |  | 97       | +            | +                   | +        | +        | +        | +-      | +         | -                     | :: -  |               | 147        |          | +        | +       | ╀        | 1         |                 | $\dashv$       |          |
|             | 48       |            |                |                 | $\Box$   | 1              | $\top$   | †        |              |  | 98       | $\dashv$     | _                   | +        | +        | +        | +       | +         | $\dashv$              | ::H   |               | 148        | +        | +        | ╁       | ╁        | $\vdash$  | $\vdash$        | +              |          |
|             | 49       |            |                |                 |          |                |          |          |              |  | 99       | $\dashv$     | $\top$              | $\top$   | $\top$   | _        | $\top$  | $\dagger$ | -                     | 바     |               | 149        | 十        |          | +       | +        | $\vdash$  | $\vdash$        | +              | _        |
| Т           | 50       | T          |                |                 |          | T              | T        | T        | 7            |  | 100      | T            |                     | $\dashv$ |          | $\neg$   | _       |           | -1                    |       | -+            | 150        | +        |          | +       | +-       | +         | $\vdash$        | $\dashv$       |          |